



UNIVERSITY OF JAFFNA, SRI LANKA  
FACULTY OF ALLIED HEALTH SCIENCES  
FIRST YEAR SECOND SEMESTER EXAMINATION IN BPharmHons-2022  
PHAPP 1233 PHYSIOLOGY FOR PHARMACY II

PAPER II

Date:10.06.2024

Time: 2 hours

**Answer all the six questions.**

1.
  - 1.1. List four (4) features of gigantism (20 Marks)
  - 1.2. List the hormones secreted from anterior pituitary other than GH (20 Marks)
  - 1.3. Explain the functions of Thyroxine on heart (30 Marks)
  - 1.4. Explain the basis of polyuria in Diabetes Insipidus (30 Marks)
  
2.
  - 2.1. Describe the pathway for the transmission of pain sensation from hand to brain (25 Marks)
  - 2.2. Describe the mechanism of pain inhibition at the dorsal horn (40 Marks)
  - 2.3. Briefly explain referred pain (35 Marks)
  
3. Briefly explain:
  - 3.1. Narcolepsy (25 Marks)
  - 3.2. Colour vision (50 Marks)
  - 3.3. Conduction deafness (25 Marks)
  
4.
  - 4.1. Describe swallowing (40 Marks)
  - 4.2. Briefly explain the basis of using proton pump inhibitors in peptic ulcer disease (50 Marks)
  - 4.3. List two (2) other type of medications that can be used to treat peptic ulcer disease (10 Marks)
  
5.
  - 5.1. Define glomerular filtration rate (10 Marks)
  - 5.2. Describe the barriers involved in glomerular filtration (30 Marks)
  - 5.3. Briefly describe the forces in the glomerular capillaries that are involved in glomerular filtration (40 Marks)
  - Explain the basis of albuminuria in glomerular disease (20 Marks)
  
6. Briefly explain:
  - 6.1. Regulation of Testosterone secretion (30 Marks)
  - 6.2. Role of Oxytocin in breast feeding (30 Marks)
  - 6.3. Basis of using combined oral contraceptive pills (40 Marks)